

Student's Name

Date

Subject

Objective

Review of material & optics for
planned program (see A-S #23 etc.)

Cleaning & alignment performed.

Roll I

Target Image of airfield.

On Pan-X.

Series 1. 1.1 D Filter
2. 1.3 D
3. 1.5 D
4. no filter

exp time in sec

1/30 1/8 1/2 2 sec
" " " " "
" " " " "
1/125 1/30 1/8 1/2 "

Results

Improvement in filters — seems that the
image is soft compared to what one can
see visually on the optical bench.

Roll II

Same target

Source @ 19632 cm (filling about
3/4 of 4mm dia. field)
Relay lens iris open

Series 1. 1.3 D filter
2. 1.5 D "
3. no filter

1/8, 1/2, 2, 4 sec
" " " " "
1/30, 1/8, 1/2, 1 "

Roll III

Focus check!

(repeat of Roll II)

Series 1. 1.3 D filter
2. 1.1 D "
3. no filter

1/8, 1/2, 2, 4 sec
" " " " "
1/30, 1/8, 1/2, 1 sec